

Title (en)  
INDUSTRIAL ROBOT, CONTROLLER, AND METHOD THEREOF

Title (de)  
INDUSTRIEROBOTER, STEUERGERÄT UND VERFAHREN DAFÜR

Title (fr)  
ROBOT INDUSTRIEL, ORGANE DE COMMANDE ET PROCÉDÉ ASSOCIÉ

Publication  
**EP 3395510 A3 20181121 (EN)**

Application  
**EP 18156227 A 20180212**

Priority  
JP 2017090131 A 20170428

Abstract (en)  
[origin: EP3395510A2] An industrial robot having high operability for a user is provided. An industrial robot (1) includes a manipulator (10), a controller (20) which controls an operation of the manipulator (10), and a detection device (30) attached to the manipulator (10) and detecting a gesture input. The controller (20) executes a process corresponding to the detected gesture input.

IPC 8 full level  
**B25J 9/16** (2006.01); **G05B 19/423** (2006.01)

CPC (source: CN EP US)  
**B25J 9/0081** (2013.01 - US); **B25J 9/1656** (2013.01 - EP US); **B25J 9/1664** (2013.01 - US); **B25J 9/1694** (2013.01 - EP US);  
**B25J 13/081** (2013.01 - US); **B25J 13/084** (2013.01 - CN); **B25J 13/085** (2013.01 - CN); **B25J 13/086** (2013.01 - CN US);  
**G05B 19/423** (2013.01 - EP US); **G06F 3/017** (2013.01 - US); **G05B 2219/36418** (2013.01 - EP US); **G05B 2219/37284** (2013.01 - EP US);  
**G05B 2219/40544** (2013.01 - EP US); **G05B 2219/40627** (2013.01 - EP US); **G06F 3/044** (2013.01 - EP US); **G06F 2203/04101** (2013.01 - US);  
**Y10S 901/04** (2013.01 - EP US); **Y10S 901/15** (2013.01 - EP US); **Y10S 901/46** (2013.01 - EP US)

Citation (search report)  
• [XYI] DE 102015012959 A1 20170413 - HADDADIN BETEILIGUNGS UG (HAFTUNGSBESCHRÄNKT) [DE]  
• [XYI] EP 2864085 B1 20161130 - RETHINK ROBOTICS INC [US]  
• [XYI] WO 2016161444 A1 20161006 - THINK SURGICAL INC [US]  
• [YA] JP 2005161450 A 20050623 - ATR ADVANCED TELECOMM RES INST  
• [XI] DE 102008062622 A1 20100624 - KUKA ROBOTER GMBH [DE]  
• [A] CN 106203299 A 20161207 - BEIJING AIRLANGO TECH CO LTD & US 2018001480 A1 20180104 - MAO YINIAN [CN], et al

Cited by  
WO2023122278A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3395510 A2 20181031**; **EP 3395510 A3 20181121**; **EP 3395510 B1 20191225**; CN 108789457 A 20181113; CN 108789457 B 20211019;  
JP 2018187697 A 20181129; JP 6953778 B2 20211027; US 10800032 B2 20201013; US 2018311814 A1 20181101

DOCDB simple family (application)  
**EP 18156227 A 20180212**; CN 201810143786 A 20180211; JP 2017090131 A 20170428; US 201815891342 A 20180207